

MEET OZA

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EDUCATION

Institute of Engineering and Technology, DAVV

Bachelor of Engineering in Information Technology

2020 – 2024

CGPA-8.0

EXPERIENCE

Software Engineer - Incedo Inc.

January 2025 – Present

Skills: Spring Boot, Java, SQL, AWS, PySpark, Python, Langchain

- Architected the backend for “Learning Path,” enabling creation and reuse of intelligent workflow blueprints, and optimized data models, APIs, and performance—cutting information-lookup time by **30%**.
- Pioneered a performance analytics dashboard providing real-time visibility into onboarding progress and skill acquisition for managers and mentors, enhancing overall output by **15%**.
- Engineered a high-performance, scalable data migration framework using PySpark and AWS Glue to seamlessly migrate **150M+** row datasets from Oracle to PostgreSQL, improving processing efficiency by **8%**.
- Migrated static BD mappings to a normalized reference table and refactored **30+** SQL scripts to dynamically fetch BD identifiers, enhancing data integrity and improving maintainability across ETL pipelines by **80%**.
- Orchestrated a framework utilizing Lambda and Glue to transform financial logs into optimized parquet, integrating Athena analytics to streamline data access and accelerate feature extraction cycles by **20%** for ML workflows.
- Spearheaded a GenAI metadata service using RAG and ingestion lineage to automate schema documentation and impact mapping, reducing manual data-discovery time by **40%**.
- Developed ETL pipelines to consolidate acquired retirement plan data into the enterprise warehouse, expanding Star Schema by mapping business logic into Fact and Dimension tables, supporting **10%** of corporate revenue.

Software Engineer Intern - Clappia No-Code Platform

October 2024 – December 2024

Skills: AWS, React.js, Javascript, ESLint

- Integrated AI model selectison logic, allowing for seamless switching between models based on user subscription levels, resulting in a **18%** reduction in server load during peak usage.

Machine Learning Research Intern - IET DAVV

September 2023 – May 2024

Skills: Python, Deep Learning, Keras, Machine Learning

- Pioneered advanced model optimization strategies, integrating data augmentation, transfer learning from cutting-edge pre-trained architectures, and ensemble learning to enhance predictive robustness.
- Delivered a **7%** improvement in classification accuracy, exceeding results reported in **10+** peer-reviewed studies.

PROJECTS

Real-time Emotion Detection | *Python, TensorFlow, Keras, OpenCV, Deep Learning*

— GitHub

- Designed a CNN model for emotion recognition, integrated with OpenCV for real-time detection from live camera.
- Achieved **68%** accuracy in real-time emotion prediction, up from 65%, showcasing the model’s enhanced precision.

PUBLICATIONS

Plant Disease Identification Using Deep Learning and Transfer Learning

— Link

- Published in *Procedia Computer Science* Vol. 260, pp. 341–352 (RTIP2R-2024).
- Benchmarked models against 10+ national and international research papers, surpassing **6** papers with accuracy improvements of up to **11%** through rigorous comparative analysis.

ACHIEVEMENTS

- Kaggle Notebook Expert: Ranked **1597**, Top **5%** globally.
- Leetcode Rating **1834**, Top **7%** globally.

TECHNICAL SKILLS

- Programming Languages:** C++, Python, Java, JavaScript, SQL.
- Frameworks & Libraries:** React.js, Spring Boot, TensorFlow, Keras, LangChain.
- Data & ML Ecosystem:** Machine Learning, Deep Learning, PySpark, Snowflake, Embeddings, Vector Search.
- Tools & Platforms:** Tableau, Power BI, Postman, Git, AWS.
- Core Concepts:** OOP, DSA, DBMS, Computer Networks, SDLC, Microservice Architecture, RESTful APIs.